

1 **I. CLAIMS**

2 Claim One:

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4 A supplemental support system for a bridge having a deck for vehicular
5 traffic with such deck having an upper surface and a lower surface, and wherein
6 such bridge has primary support members for supporting the bridge deck, said
7 supplemental support system comprising:

8 (A) a longitudinally extending under-support member, said under-support
9 member having an upper surface and a lower surface and wherein the
10 upper surface of the under-support member is adapted to embrace a
11 portion of the lower surface of the bridge deck;

12 (B) a suspension support system for supplementary support of said
13 bridge, said suspension support system having one or more support
14 cables attached to portions of said under-support member for
15 purposes of holding said under-support member up against the under
16 surface of the bridge deck for support purposes to supplement the
17 support of the primary support system.

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20 Claim Two:

21 A support system for a bridge having a bridge deck with an under
22 surface comprising:

23 (A) a base under support member having an upper surface and a lower
24 surface

25 (B) support system means for said bridge and bridge deck, said support
26 means having connecting support means, said support means being

1 connected through said connecting and support means to said under-
2 support member to support said under-support member up against a
3 portion of the under surface of the bridge deck.
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5 Claim Three:

6 A multiple force support system for a bridge having a deck for vehicular
7 traffic, with such deck having an upper surface and a lower surface, and wherein
8 such bridge has primary support members for supporting the bridge deck,
9 comprising:

10 (A) a longitudinally extending under-support member, said under-support
11 member having an upper surface and a lower surface, and wherein
12 said under-support member is adapted to be support up against a
13 portion of the lower surface of the bridge deck;

14 (B) a bridge suspension support system having support means in the form
15 of suspension cables connected to said under-support member to
16 support said under-support member up against the lower surface of
17 the bridge deck.

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